

Appl. No. : 10/658,211  
Filed : September 9, 2003

### REMARKS

Restriction to one of the following groups was required under 35 USC 121:

- Group I Claims 1-4, drawn to an *in vitro* method for identifying a hair growth modulating substance, comprising
- (a) contacting a peptide derived from SGK3 and a test substance suspected to modulate hair growth, under conditions allowing the binding of said test substance to said peptide, and
  - (b) determining, whether said test substance modulates an activity of said peptide, wherein said test substance inhibits or stimulates the kinase activity of said peptide, classified in class 514, subclass 1.
- Group II Claims 16-20, drawn to an *in vivo* method for identifying a hair growth modulating substance comprising:
- (a) providing a transgenic non-human *sgk3*<sup>-/-</sup> animal,
  - (b) administering a test substance to said animal, and
  - (c) determining, whether said test substance modulates hair growth of said animal, classified in class 800, subclass 3.
- Group III Claims 5-8, 21-24, 45-48, drawn to a method for preparing a pharmaceutical/cosmetic composition for a treatment of a hair growth disorder, comprising:
- (a) providing a hair growth modulating substance, and
  - (b) formulating said substance into a pharmaceutically/cosmetically acceptable carrier, classified in class 514, subclass 1.
- Group IV Claims 10-12, 26-28, drawn to method for treating a human being affected by a hair growth disorder, comprising administering a hair growth modulating substance, wherein the hair growth modulating substance is a chemical compound, classified in class 514, subclass 1.
- Group V Claims 10-12, 26-28 and 34-38, drawn to method for treating a human being affected by a hair growth disorder, comprising administering a hair growth modulating substance, wherein the hair growth modulating substance is a construct coding for an antisense-*sgk-3* probe, classified in class 514, subclass 44.

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- Group VI Claims 10-12, 26-28, and 34-38, drawn to method for treating a human being affected by a hair growth disorder, comprising administering a hair growth modulating substance, wherein the hair growth modulating substance is a construct coding for sgk-3 RNAi, classified in class 514, subclass 44.
- Group VII Claims 10-12, 26-28, and 34-38, drawn to method for treating a human being affected by a hair growth disorder, comprising administering a hair growth modulating substance, wherein the hair growth modulating substance is a nucleic acid that encodes a transdominant inhibitory SGK3, classified in class 514, subclass 44.
- Group VIII Claims 10-12, 26-28, and 34-38, drawn to method for treating a human being affected by a hair growth disorder, comprising administering a hair growth modulating substance, wherein the hair growth modulating substance is a genetic construct comprising a coding region coding for sgk-3-derived segment under control of a promoter, classified in class 514, subclass 44.
- Group IX Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that inhibits activity of SGK-3, wherein the substance is a chemical compound, classified in class 514, subclass 1.
- Group X Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that inhibits activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a construct coding for an antisense-sgk-3 probe, classified in class 514, subclass 44.
- Group XI Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that inhibits activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a construct coding for sgk-3 RNAi, classified in class 514, subclass 44.
- Group XII Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that inhibits activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a construct that encodes a transdominant inhibitory SGK3, classified in class 514, subclass 44.

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- Group XIII Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that inhibits activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a genetic construct comprising a coding region for sgk-3-derived segment under control of a promoter, classified in class 514, subclass 44.
- Group XIV Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that inhibits activity of SGK-3, wherein the substance is a protein, classified in class 530, subclass 300.
- Group XV Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that stimulates activity of SGK-3, wherein the substance is a chemical compound, classified in class 514, subclass 1.
- Group XVI Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that stimulates activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a construct coding for an antisense-sgk-3 probe, classified in class 514, subclass 44.
- Group XVII Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that stimulates activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a construct coding for sgk-3 RNAi, classified in class 514, subclass 44.
- Group XVIII Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that stimulates activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a construct that encodes a transdominant inhibitory SGK3, classified in class 514, subclass 44.
- Group XIX Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that stimulates activity of SGK-3, wherein the substance is a nucleic acid, wherein the nucleic acid is a genetic construct comprising a coding region for sgk-3-derived segment under control of a promoter, classified in class 514, subclass 44.
- Group XX Claims 14, 30, and 50-57, drawn to a hair growth modulating substance that stimulates activity of SGK-3, wherein the substance is a protein, classified in class 530, subclass 300.

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Group XXI Claims 32, and 33, drawn to a transgenic non-human sgk3-/- animal, classified in class 800, subclass 13.

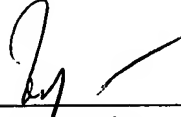
In response to this restriction requirement, Applicant elects Group I, that is Claims 1-4.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

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